



SEQUENCE LISTING

<110> Stanton, Jr, Vincent P.

<120> METHOD FOR GENETIC ANALYSIS OF APOE DNA
AND USES THEREOF

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<140> ~~09/967,013~~ 09/697,013
<141> 2000-10-25

<150> 60/206,613

<151> 2000-05-23

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<211> 55

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<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 6

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55

<210> 7

<211> 55
 <212> DNA
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<220>
 <223> exemplary motif

<400> 7
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<210> 8
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 8
 gtctgtacgc gtaggtaaga ccccgcttc 29

<210> 9
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 9
 cttgccccca gaatggatgc gcatgtctgt attactgggc gaggtgtcct 50

<210> 10
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 10
 aggacacctc gccagtaat acagacatgc gcatccattc tgggggcaag 50

<210> 11
 <211> 30
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 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(30)
 <223> n = A,T,C or G

<400> 11
 nnnnnggatg nnnnnnnnnn nnnnnnnnnn 30

<210> 12
 <211> 30
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<220>
 <223> exemplary motif

<221> misc_feature
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 <223> n = A,T,C or G

<400> 12
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 <211> 18
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<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(18)
 <223> n = A,T,C or G

<400> 13
 nnnnnntgcg cannnnnn

18

<210> 14
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(18)
 <223> n = A,T,C or G

<400> 14
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18

<210> 15
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 15
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50

<210> 16
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 16
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<210> 17
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 17
 gtctacgcgt aggggtggagg aggtaagacc cccgttc 37

<210> 18
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 18
 cttgccccca gaatggagga ggatgcgcag gtgtctgtat tactggggcga ggt 53

<210> 19
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 19
 acctcgccca gtaatacaga cacctgcgca tctcctcca ttctgggggc aag 53

<210> 20
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<220>
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<400> 20
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<210> 21
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<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 21
gaagtttata aatccttttg gtcttgctag cgcaactcca gccataggcg 50

<210> 22
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 22
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<210> 23
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
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<400> 23
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<210> 24
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 24
gaagtttata aatccttttg cagctgcacg tcttgctagc gcaactccag cca 53

<210> 25
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 25
cgccatatggc tggagttgag ctagcaagac caaaaggatt tataaacttc 50

<210> 26
<211> 50
<212> DNA
<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 26

gaagtttata aatccttttg gtcttgctag cgcaactcca gccataggcg

50

<210> 27

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 27

atttaggtag gtgcacgaaa ccagaacgat cgcgttgagg tcggt

45

<210> 28

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 28

cgcttatggc tggagttgag ctagcaagac cacagctgga tgaaggattt ataaacttc

59

<210> 29

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 29

gaagtttata aatccttcat ccagctgtgg tcttgctagc gcaactccag ccataggcg

59

<210> 30

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 30

cttgcccca gaatggagga ggatgagcag gtgt

34

<210> 31

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 31

acagacacct ggcgcatctc ctccattctg ggggcaag

38

<210> 32

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 32

cttgccccca gaatggagga ggatgcgag gtgtctgt

38

<210> 33

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(44)

<223> n = A,T,C or G

<400> 33

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44

<210> 34

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(44)

<223> n = A,T,C or G

<400> 34

nnnnnnnnnn nnnnnngcan nnnntgcnn nnnnnnnnnn nnnn

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<210> 35

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(34)

<223> n = A,T,C or G

<400> 35
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 <210> 36
 <211> 34
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 <220>
 <223> exemplary motif

 <221> misc_feature
 <222> (1)...(34)
 <223> n = A,T,C or G

 <400> 36
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 <210> 37
 <211> 38
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 37
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 <210> 38
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 38
 cttgccccca gaatggagga gagtcggatg ggtgtctgta ttactgggag aggt 54

 <210> 39
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 39
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 <210> 40
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 <400> 40
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 <220>
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 <400> 41
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 <210> 42
 <211> 49
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 42
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 <210> 43
 <211> 22
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 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <221> misc_feature
 <222> (1)...(22)
 <223> n = A,T,C or G

 <400> 43
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 <210> 44
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

 <400> 44
 atctggannn nnnnnnnnt ccagat 26

<210> 45
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 45
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26

<210> 46
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 46
 atctggannn nnnnnnnnnt ccggat

26

<210> 47
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 47
 atctggannn nnnnnnnnnt ccagat

26

<210> 48
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(22)
 <223> n = A,T,C or G

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<400> 48
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<210> 49
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 49
atccggannn nnnnnnnnt ccagat                                   26

<210> 50
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 50
atctggannn nnnnnnnnt ccggat                                   26

<210> 51
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 51
atccggannn nnnnnnnnt ccggat                                   26

<210> 52
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

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<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 52
 atcccgannnn nnnnnnnnnnt ccggat

26

<210> 53
 <211> 26
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 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 53
 tagacctnnnn nnnnnnnnnna ggtcta

26

<210> 54
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 54
 tagacctnnnn nnnnnnnnnna ggccta

26

<210> 55
 <211> 26
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 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 55
 taggcctnnnn nnnnnnnnnna ggtcta

26

<210> 56
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 56
taggcctnnn nnnnnnnnna ggccta

26

<210> 57
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 57
acacagactc atgcaactct g

21

<210> 58
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 58
acgcagactc atgcaactct g

21

<210> 59
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 59
actcatgcaa ctctg

15

<210> 60
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 60
actcatgcaa ctctgygttc cacttcggcc aagaa

35

<210> 61
<211> 35
<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 61

ttcttgccg aagtggaacr cagagttgca tgagt

35

<210> 62

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 62

gtggaacaca gagttgcatg agt

23

<210> 63

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 63

gtggaacgca gagttgcatg agt

23

<210> 64

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 64

actcatgcaa ctctgtgttc cac

23

<210> 65

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 65

actcatgcaa ctctgcgttc cac

23

<210> 66

<211> 29

<212> DNA

<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 66
acgcagactc atgcaactct gtgttccac

29

<210> 67
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 67
gtggaacaca gagttgcatg agtc

24

<210> 68
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 68
acgcagactc atgcaactct gcgttccac

29

<210> 69
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 69
gtggaacgca gagttgcatg agtc

24

<210> 70
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 70
acacagactc atgcaactct gtgttccac

29

<210> 71
<211> 24
<212> DNA
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<220>
<223> exemplary motif

<400> 71
gtggaacaca gagttgcatg agtt

24

<210> 72
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 72
acacagactc atgcaactct gcgttccac

29

<210> 73
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 73
gtggaacgca gagttgcatg agtt

24

<210> 74
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 74
gtggaacaca gagttgcatg ag

22

<210> 75
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 75
gtggaacgca gagttgcatg ag

22

<210> 76
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 76

gcaggcccgg ctgggcgagg acatggagga cgtgtgaggc cgccctggtgc agtaccgc 58

<210> 77
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 77
 gcggtactgc accaggcggc cgcacacgtc ctccatgtcc ggcgccagcc gggcctgc 58

<210> 78
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 78
 gtgcagacgc gtagggagta caggcgcggg tcggccc 37

<210> 79
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 79
 ggcgaggtgc aggccatgct cggccagagc accgaggagc tgcgggtgag cctcgcc 58

<210> 80
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 80
 aggcgaggcg caccgcagc tcctcggtgc tctggccgag catggcctgc acctcgcc 58

<210> 81
 <211> 56
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 81
 ccacctgcgc aagctgcgta agcggctcct ccgcgatgcc gatgacctgc agaagc 56

<210> 82
 <211> 56
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 82
 gcttctgcag gtcacgggca tcgaggagga gccgcttacg cagcttgccg aggtgg 56

<210> 83
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 83
 ggctactgga cgtcttcg 18

<210> 84
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 84
 cccggctggg cgcggacatg ggatgcgcaa ggacgtgtgc ggccgctgg tgcagtac 58

<210> 85
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 85
 gtactgcacc aggcggccgc acacgtcctt gcgcaccca tgcgcgcgc cagccggg 58

<210> 86
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 86
 cgcggcgagg tgcaggccat gtcggccag agcaccgagg agctgcgggt gcgcctcg 58

<210> 87
 <211> 58

<212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 87
 cgaggcgcac ccgcagctcc tcggtgctct ggccgagcat ggctgcacc tcgccgcg 58

<210> 88
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 88
 cctccacctg cgcaagctgc gtaagcggct cctccgcgat gccgatgacc tgcagaagc 59

<210> 89
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 89
 gcttctgcag gtcacgcca tcgcggagga gccgcttac cagcttgccg aggtggagg 59

<210> 90
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 90
 cccggctggg cgcggacatg ggatgcgcaa ggacgtgcgc ggccgcctgg tgcagtac 58

<210> 91
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 91
 gtactgcacc aggcggcgc gcacgtcctt gcgcaccca tgcgcgcgc cagccggg 58